

Figure 1

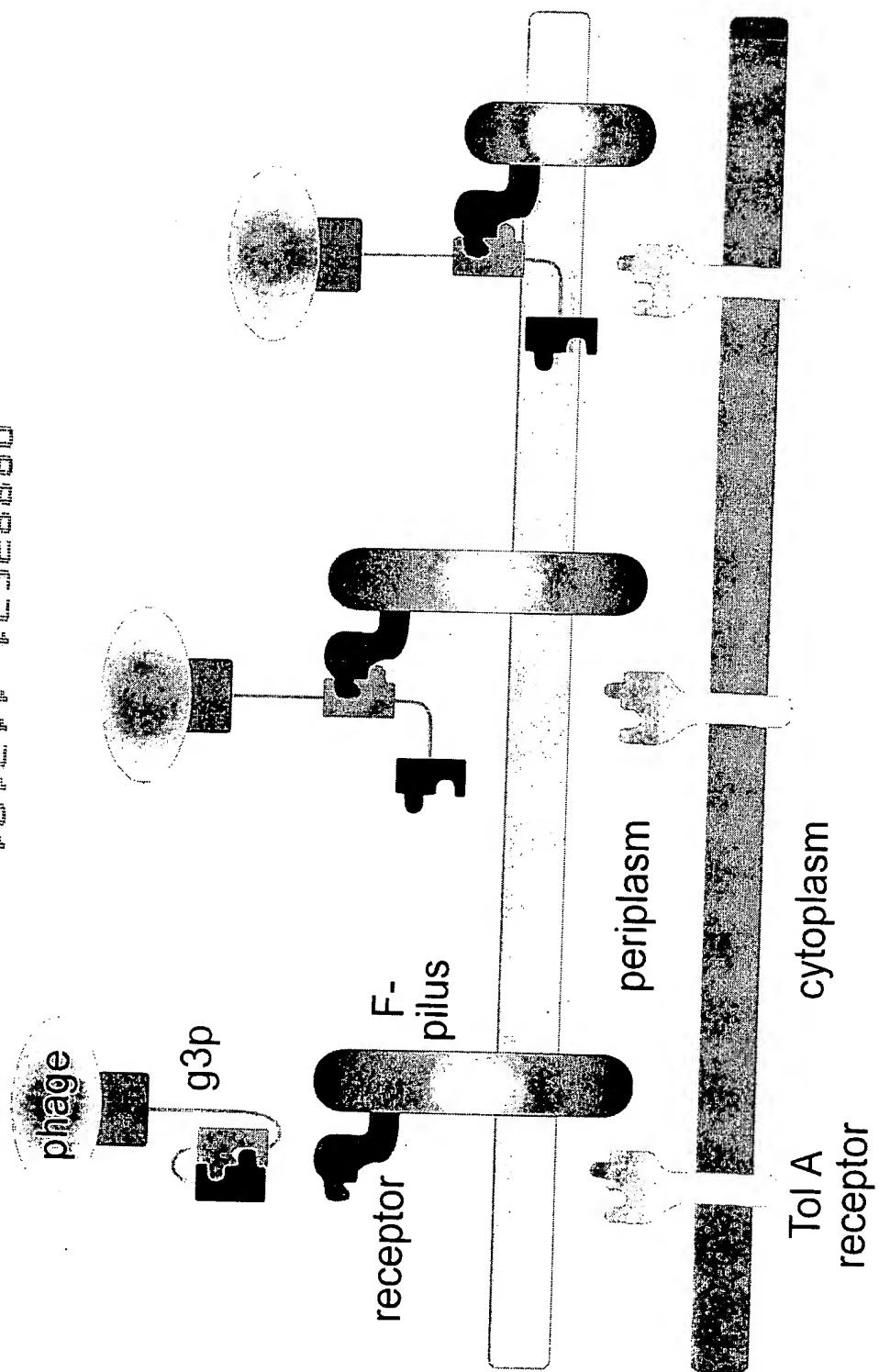


Figure 2

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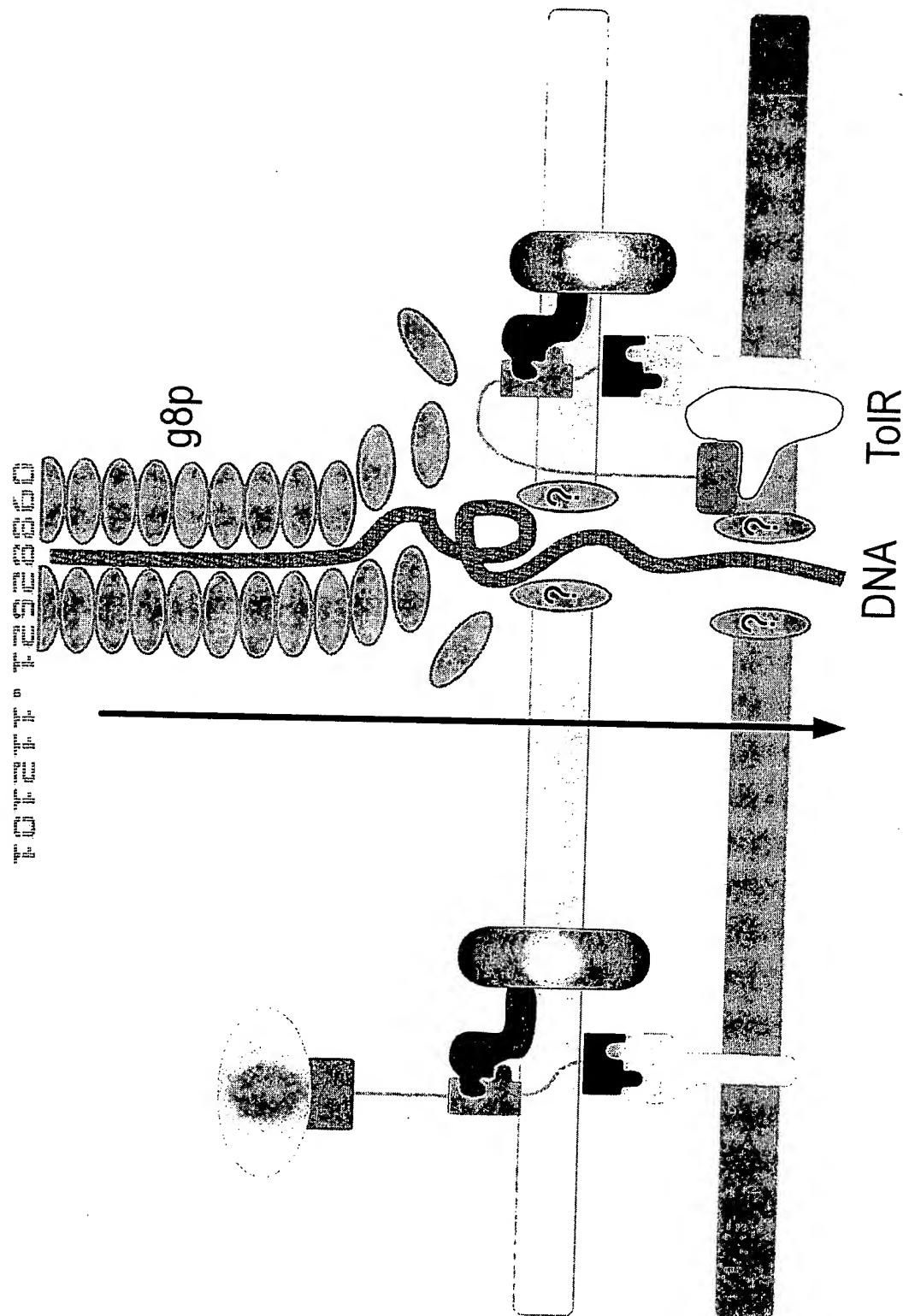
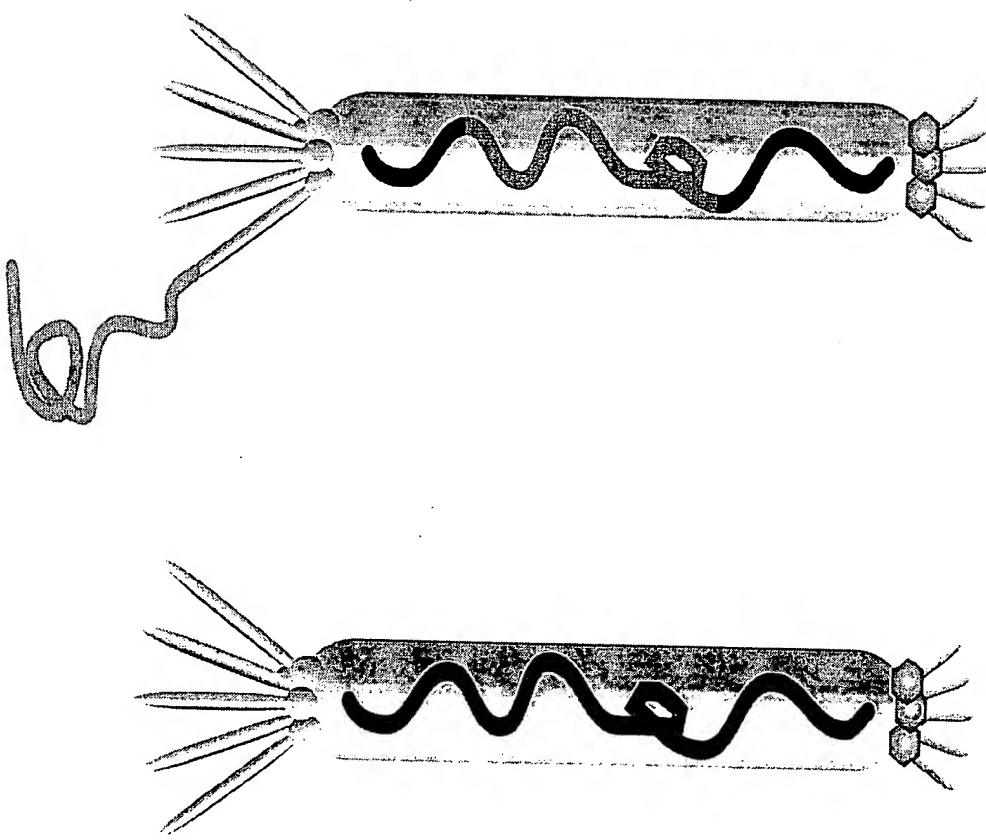


Figure 3

Figure 4

No inserted ORF      Inserted ORF



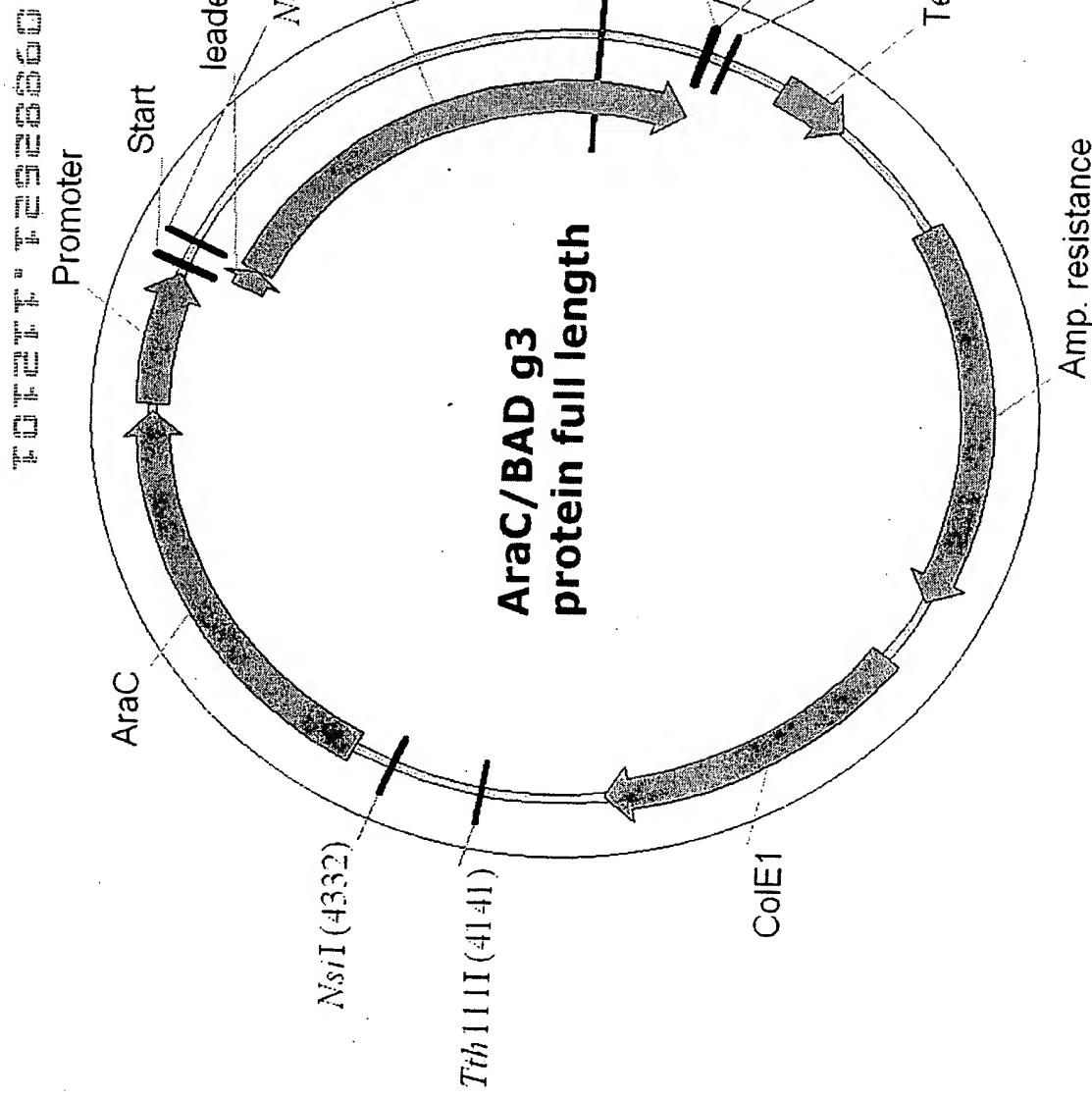


Figure 5

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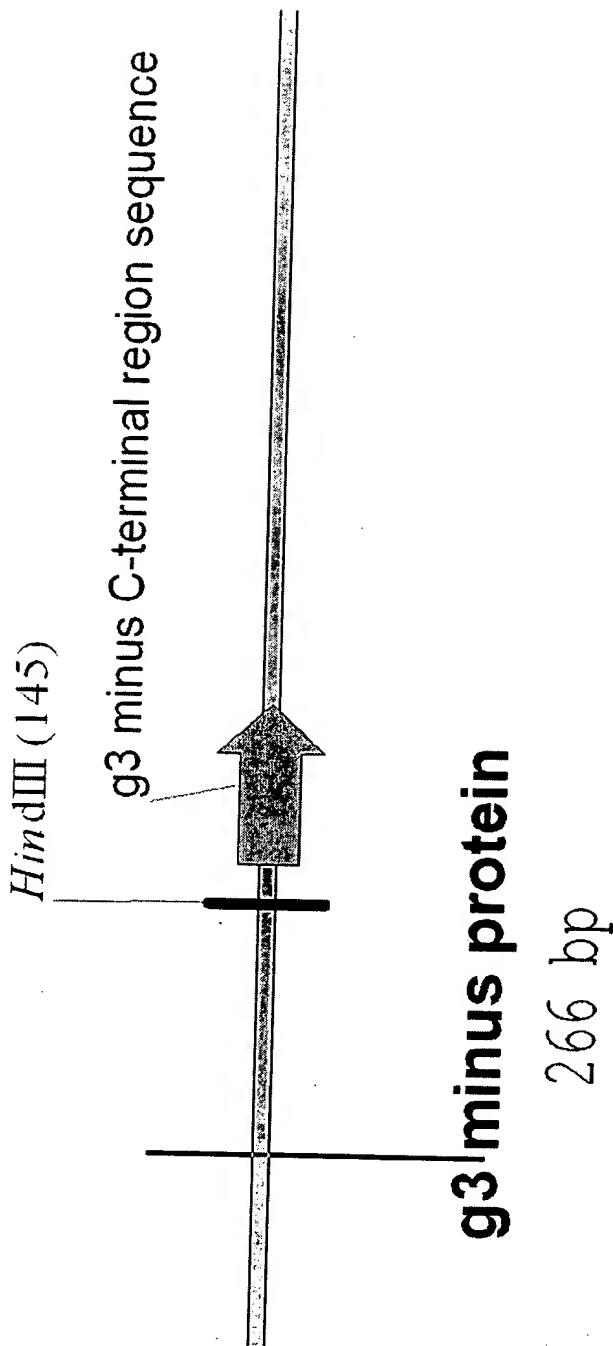


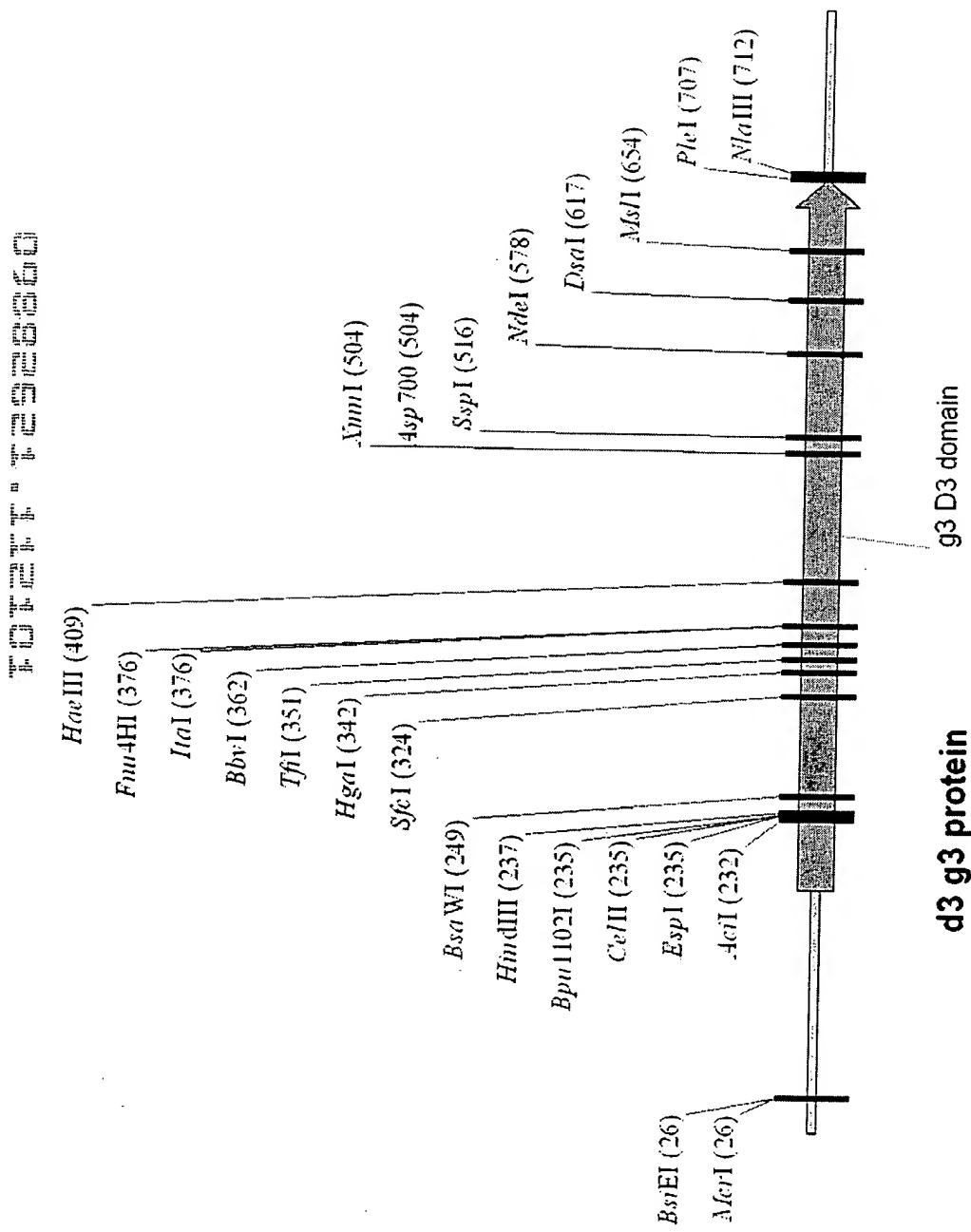
Figure 6A

**TITLE: CHIMAERIC PHAGES**  
Inventor: Houtzager et al.  
Serial No.: 09/882,621  
Docket No.: 4957US

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**G3-minus protein**

GGTTATCGTGGGCGATGGTTGTCTATTGTCGGCGCAACTATCGGTATCAAGCTGTTAAGAAATTCACCTCG  
AAAGCAAGCTGATAAACCGATACAATTAAAGGCTCCTTTGGAGCCTTTTTGGAGATTTCACAAGCTTC  
TGCCTAATAAGGAGTCTTAATCATGCCAGTTCTTGGGTATTCCGTATTATTGCGTTCCCTCGGTTCCCTCT  
GGTAACCTTGTTCGGCTATCTGCTAACCTTCTAAAAAGG

Figure 6B



d3 g3 protein

g3 D3 domain

Figure 7A

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**D3 domain of g3 Protein**

TTGACTCCCTGCAAGCCTCAGCGACCGAATATATCGGTTATGCGTGGCGATGGTTGTTCATTGTCGGCGCAA  
CTATCGGTATCAAGCTGTTAAGAAATTCAACCTCGAAAGCAAGCTGATAAACGATACAATTAAAGGCTCCTTT  
GGAGCCTTTTTGGAGATTTCACCGTAAAAAATTATTATTCGCAATTCCCTTAGTTAGTTGTTCTTCTATT  
TCACTCCGCTAAGCTTCTGGTCCGGTATTGATTGAAAATATGCCAAACGCTAATAAGGGGCTATGAC  
CGAAAATGCCGATGAAAACGCGCTACAGTCTGACGCTAAAGGCAAACCTTGATTCTGTCGCTACTGATTACGGTGC  
TGCTATCGACGGTTCATGGTGACGTTCCGGCTTGCTAATGGTAATGGTCTACTGGTGATTGGCT  
TAATTCCAAATGGCTCAAGTCGGTGACGGTATAATTCACCTTAATGAATAATTCCGTCAATATTACCTTC  
CCTCCTCAATCGGTTGAATGTGCCCTTGTCTTCGCGCTGGTAAACCATAATGAATTTCATTGATTGTGA  
CAAATAAAACTTATTCCGTGGTCTTGCCTTCTTTATATGTTGCCACCTTATGTATGTATTTCGACGTT  
TGCTAACATACTGCGTAATAAGGAGTCTTAATCATGCCAGTTGGTATTCCGTTATTATGCGTTCCCTC  
GGTTCCCTCTGGTAACTTGTTGGCTATCTGCTAACTTTCTAAAAAGGGCTCGGTAAGATAGCTATTGCT  
ATTCAT

Figure 7B

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A	GCG	GCA	GCC	GCT
C		TGC	TGT	
D		GAT	GAC	
E		GAA	GAG	
F		TTT	TTC	
G		GGT	GGC	
H		CAT	CAC	
I	ATT	ATC	ATG	
K		AAA		
L		CTG		
M		ATG		
N		AAC	AAT	
P		CCG		
Q		CAG		
R		CGT	CGC	
S		AGC	TCT	
T		ACC	ACG	
V	GTG	GTT	GTC	
W		TGG		
Y		TAT	TAC	
STOP		TAA	TGA	

Figure 8